

**Raw Sequence Listing before editing
(for reference only)**



PCT

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/530,972

TIME: 15:22:25

Input Set : A:\PTO.ss.txt

Output Set: N:\CRF4\03062006\J530972.raw

3 <110> APPLICANT: Neose Technologies, Inc.
 4 DeFrees, Shawn
 5 Zopf, David
 6 Bayer, Robert
 7 Hakes, David
 8 Chen, Xi
 9 Bowe, Caryn
 11 <120> TITLE OF INVENTION: ERYTHROPOIETIN: REMODELING AND GLYCOCONJUGATION OF
 12 ERYTHROPOIETIN
 14 <130> FILE REFERENCE: 040853-01-5083US01
 16 <140> CURRENT APPLICATION NUMBER: US 10/530,972
 17 <141> CURRENT FILING DATE: 2005-04-11
 19 <150> PRIOR APPLICATION NUMBER: PCT/US2003/031974
 20 <151> PRIOR FILING DATE: 2003-10-08
 22 <150> PRIOR APPLICATION NUMBER: PCT/US2002/32263
 23 <151> PRIOR FILING DATE: 2002-10-09
 25 <150> PRIOR APPLICATION NUMBER: US 10/410,945
 26 <151> PRIOR FILING DATE: 2003-04-09
 28 <150> PRIOR APPLICATION NUMBER: US 10/369,779
 29 <151> PRIOR FILING DATE: 2003-03-17
 31 <150> PRIOR APPLICATION NUMBER: US 10/360,770
 32 <151> PRIOR FILING DATE: 2003-01-06
 34 <150> PRIOR APPLICATION NUMBER: US 10/287,994
 W--> 35 <151> PRIOR FILING DATE: 2002-11-5 2002-11-05
 37 <160> NUMBER OF SEQ ID NOS: 75
 39 <170> SOFTWARE: PatentIn version 3.2

**Does Not Comply
Corrected Diskette Needed**

ERRORED SEQUENCES

4780 <210> SEQ ID NO: 75
 4781 <211> LENGTH: 195
 4782 <212> TYPE: PRT
 4783 <213> ORGANISM: Homo sapiens
 4785 <400> SEQUENCE: 75
 4786 Met Ala Leu Leu Phe Pro Leu Leu Ala Ala Leu Val Met Thr Ser Tyr
 4787 1 5 10 15
 4789 Ser Pro Val Gly Ser Leu Gly Cys Asp Leu Pro Gln Asn His Gly Leu
 4790 20 25 30
 4792 Leu Ser Arg Asn Thr Leu Val Leu Leu His Gln Met Arg Arg Ile Ser
 4793 35 40 45
 4795 Pro Phe Leu Cys Leu Lys Asp Arg Arg Asp Phe Arg Phe Pro Gln Glu
 4796 50 55 60

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,972

DATE: 03/06/2006

TIME: 15:22:26

Input Set : A:\PTO.ss.txt

Output Set: N:\CRF4\03062006\J530972.raw

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4798 Met Val Lys Gly Ser Gln Leu Gln Lys Ala His Val Met Ser Val Leu
4799 65              70              75              80
4801 His Glu Met Leu Gln Gln Ile Phe Ser Leu Phe His Thr Glu Arg Ser
4802              85              90              95
4804 Ser Ala Ala Trp Asn Met Thr Leu Leu Asp Gln Leu His Thr Gly Leu
4805              100             105             110
4807 His Gln Gln Leu Gln His Leu Glu Thr Cys Leu Leu Gln Val Val Gly
4808              115             120             125
4810 Glu Gly Glu Ser Ala Gly Ala Ile Ser Ser Pro Ala Leu Thr Leu Arg
4811              130             135             140
4813 Arg Tyr Phe Gln Gly Ile Arg Val Tyr Leu Lys Glu Lys Lys Tyr Ser
4814 145              150             155             160
4816 Asp Cys Ala Trp Glu Val Val Arg Met Glu Ile Met Lys Ser Leu Phe
4817              165             170             175
4819 Leu Ser Thr Asn Met Gln Glu Arg Leu Arg Ser Lys Asp Arg Asp Leu
4820              180             185             190
4822 Gly Ser Ser
4823              195

```

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E--> 4826 (continued).(continued).(continued).(continued).(continued).(continued).(continued).
(continn
E--> 4827 ed).(continued).(continued).(continued).(continued).(continued).(continued).
(continued).(cont
E--> 4828 inued).(continued).(continued).(continued).(continued).(continued).(continued).
(continued).(c
E--> 4829 ontinued).(continued).(continued).(continued).
E--> 4834 1
E--> 4836 2

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delete

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/530,972

DATE: 03/06/2006
TIME: 15:22:27

Input Set : A:\PTO.ss.txt
Output Set: N:\CRF4\03062006\J530972.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:75; Line(s) 4826,4827,4828

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/530,972

DATE: 03/06/2006

TIME: 15:22:27

Input Set : A:\PTO.ss.txt

Output Set: N:\CRF4\03062006\J530972.raw

L:35 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:4826 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:4826 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:4827 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:75
L:4827 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:4827 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
M:332 Repeated in SeqNo=75
L:4828 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:4828 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:4829 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:4829 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:4836 M:252 E: No. of Seq. differs, <211> LENGTH:Input:195 Found:199 SEQ:75